

WHAT IS CLAIMED IS:

- 1 1. A quick disintegrating tablet in buccal cavity, said quick disintegrating
2 tablet comprising:
 - 3 a) a plurality of drug-containing particles, wherein each particle comprises a
4 bitter tasting drug and/or a drug of inferior fluidity and a pharmaceutical preparation carrier,
5 wherein each particle has a mean diameter of approximately 50 to approximately 250 μm and
6 an apparent specific gravity of approximately 0.5 to approximately 1.2; and
7 b) a saccharide.
- 1 2. The quick disintegrating tablet in buccal cavity of claim 1, wherein the
2 drug of inferior fluidity has an angle of repose of $41^\circ \sim 90^\circ$.
- 1 3. The quick disintegrating tablet in buccal cavity of claim 1, wherein the
2 pharmaceutical preparation carrier is 1 or 2 or more selected from the group consisting of
3 water-insoluble polymers, gastrosoluble polymers, enterosoluble polymers, wax-like
4 substances and saccharides.
- 1 4. The quick disintegrating tablet in buccal cavity of claim 3, wherein the
2 pharmaceutical preparation carrier is a water-insoluble polymer.
- 1 5. The quick disintegrating tablet in buccal cavity of claim 4, wherein the
2 water-insoluble polymer is a water-insoluble cellulose ether or a water-insoluble acrylic acid
3 copolymer.
- 1 6. The quick disintegrating tablet in buccal cavity of claim 1, wherein the
2 amount of pharmaceutical preparation carrier added is about 0.05 to about 3 parts by weight
3 per 1 part by weight bitter tasting drug and/or drug of inferior fluidity.
- 1 7. The quick disintegrating tablet in buccal cavity of claim 1, wherein the
2 saccharide is a granulation product obtained by spraying to coat and/or granulate a saccharide
3 of low moldability using a saccharide of high moldability as a binder.
- 1 8. The quick disintegrating tablet in buccal cavity of claim 7, wherein the
2 saccharide of low moldability is 1 or 2 or more selected from the group consisting of lactose,
3 mannitol, glucose, sucrose, xylitol, and erythritol.

1 9. The quick disintegrating tablet in buccal cavity of claim 7, wherein the
2 saccharide of high moldability is 1 or 2 or more selected from the group consisting of
3 maltose, maltitol, sorbitol, trehalose, and lactosucrose.

1 10. The quick disintegrating tablet in buccal cavity of claim 1, wherein the
2 mean particle diameter of the plurality of drug-containing particles is approximately 50 μm to
3 approximately 150 μm .

1 11. The quick disintegrating tablet in buccal cavity of claim 1, wherein the
2 apparent specific gravity of the plurality of drug-containing particles is approximately 0.5 ~
3 approximately 1.

1 12. A drug-containing particle, wherein said drug containing particle has a
2 mean particle diameter of approximately 50 to approximately 250 μm and an apparent
3 specific gravity of approximately 0.5 to approximately 1.2, and comprises a bitter tasting
4 drug and a water-insoluble polymer.

1 13. A drug-containing particle, wherein said drug containing particle has a
2 mean particle diameter of approximately 50 to approximately 250 μm and an apparent
3 specific gravity of approximately 0.5 to approximately 1.2, and comprises a drug of inferior
4 fluidity and a saccharide.

1 14. A method for manufacturing a quick disintegrating tablet in buccal
2 cavity, said quick disintegrating tablet comprising a drug and a saccharide, said method
3 comprising the steps of:

4 (a) dissolving a bitter tasting drug and/or a drug of inferior fluidity and a
5 pharmaceutical preparation carrier to form a mixture that is dissolved and suspended to
6 approximately 30 to approximately 70 w/w% in terms of solid concentration in a solvent that
7 is pharmaceutically acceptable to prepare a suspension for spray drying;

8 (b) spray drying said suspension using a rotating disk-type spray dryer,
9 with the disk rotating at a speed of approximately 5,000 to approximately 15,000 rpm to
10 prepare the drug-containing particles; and

11 (c) mixing the drug-containing particles with a saccharide to form a
12 mixture that is molded.

1 15. The method for manufacturing a quick disintegrating tablet in buccal
2 cavity of claim 14, wherein said saccharide is a granulation product obtained by spraying to
3 coat and/or granulate a saccharide of low moldability using a saccharide of high moldability
4 as a binder .

1 16. A method for manufacturing a quick disintegrating tablet in buccal
2 cavity of claim 14 , wherein (d) the process of moistening and drying is further performed in
3 succession to process (c) on the molding obtained under at least the pressure needed to retain
4 tablet form.

1 17. The method for manufacturing a quick disintegrating tablet in buccal
2 cavity of claim 14, wherein the solid concentration in step (a) is approximately 40 to
3 approximately 70 w/w%.

1 18. The method for manufacturing a quick disintegrating tablet in buccal
2 cavity of claim 14, wherein the rotating speed of the rotating disk in process (b) is
3 approximately 6,000 to approximately 12,000 rpm.

1 19. The method for manufacturing a quick disintegrating tablet in buccal
2 cavity of claim 14, wherein a bitter tasting drug and/or a drug of inferior fluidity whose
3 particle diameter has been brought to approximately 5 to approximately 100 μm is used in
4 process (a).

1 20. A quick disintegrating tablet in buccal cavity, which is manufactured
2 by the method of claim 14.